

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("7088394").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 09:28
S3	116984	non adj1 volatile near2 memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:54
S4	28	S3 same imag\$3 near2 sens\$3 with chip	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:54
S5	3	("6573936").URPN.	USPAT	OR	ON	2006/11/13 13:04
S6	10	("5184018"   "5436442"   "5665959"   "5949483"   "6057539"   "6133862"   "6166367"   "6201573"   "6344877"   "6573936").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 13:07
S7	8	("5665959"   "5926214"   "5933530"   "5973661"   "6084635"   "6115066"   "6133862"   "6344877").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 13:13
S8	7	("4363963"   "4710817"   "4929913"   "5225696"   "5236871"   "5306905"   "5461425").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 13:14
S9	63	("5665959").URPN.	USPAT	OR	ON	2006/11/13 13:14
S10	1	non adj1 volatile same NAND same NOR same floating same MONO same ferroelectric	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:43
S11	0	(flash near1 memory or EEPROM or EPROM) same NAND same NOR same floating same MONO same ferroelectric	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:49
S12	782	non adj1 volatile same NAND same NOR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:44

## EAST Search History

S13	455	non adj1 volatile with NAND with NOR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:48
S14	1	S13 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:45
S15	127	S13 and "257"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:45
S16	1	S13 and (floating same MONO same ferroelectric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 15:07
S17	3	S12 and (floating same MONO same ferroelectric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:49
S18	2	("6879340").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 15:07
S19	224158	(non adj1 volatile or EEPROM or Flash) near2 memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 15:11
S20	55836	imag\$3 same chip	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 15:11
S21	1591	S19 same S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 15:11
S22	18	S21 and 348/231.1-231.9.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 15:17

## EAST Search History

S23	32	S21 and 348/294-324.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 15:34
S24	2	("6396539").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 15:34
S25	5	("20040041077"   "20040041927"   "6307195"   "6710804"   "6741198").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 15:42
S26	5	("20040041077"   "20040041927"   "6307195"   "6710804"   "6741198").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 15:53
S27	2	("6563187").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 15:53
S28	9	("5225696"   "5461425"   "5614744"   "5665959"   "5694143"   "5708263"   "5841159"   "6066090"   "6445014").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 15:53
S29	63	("5665959").URPN.	USPAT	OR	ON	2006/11/16 15:56
S30	28	("20020101528"   "4706123"   "4797562"   "4984002"   "5021888"   "5097305"   "5117292"   "5157502"   "5233428"   "5262871"   "5398123"   "5541654"   "5579049"   "5587738"   "5659359"   "5665959"   "5872596"   "5883830"   "5889883"   "6101294"   "6175383"   "6255638"   "6452632"   "6552746"   "6573936"   "6580454"   "6606121"   "6614560").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 16:03
S31	2	("6563187").URPN.	USPAT	OR	ON	2006/11/16 16:08
S32	185	imag\$3 near2 sens\$3 same parallel same (ADC or AD or A/D or analog adj2 digital) same memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 16:09
S33	56	S32 and non adj1 volatile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 16:10

## EAST Search History

S34	5495	(ADC or AD or A/D or analog adj2 digital) with column	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/17 09:18
S35	293844	(nonvolatile or non adj1 volatile or EEPROM or Flash) near4 (memory or storage or RAM or DRAM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/17 09:19
S36	80	S34 same S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/17 09:33
S37	2	("6538695").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/17 09:35
S38	2	("7119317").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/17 09:35
S39	5	("20040041077"   "20040041927"   "6307195"   "6710804"   "6741198").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 09:35
S40	2	("4973833").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 10:00
S41	2	("6287028").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 10:00
S42	6	("5606420"   "5847836"   "5875034"   "6040849"   "6085037"   "6152619").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 10:03
S43	1	("6287028").URPN.	USPAT	OR	ON	2006/11/20 10:04
S44	6	("5606420"   "5847836"   "5875034"   "6040849"   "6085037"   "6152619").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 10:04
S45	12	("6152619").URPN.	USPAT	OR	ON	2006/11/20 10:04

## EAST Search History

S46	20	("20010040625"   "20020047904"   "20020180873"   "20030001957"   "5051838"   "5160945"   "5553172"   "5606420"   "5757388"   "5835136"   "5847836"   "5999203"   "6040849"   "6152619"   "6238111"   "6276850"   "6312070"   "6539180"   "6628333"   "6738096").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 10:26
S47	2	("6018187").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 10:28
S48	27499	(nonvolatile or non adj1 volatile) near4 (RAM or DRAM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 10:31
S49	95	S48 same imag\$3 near2 sens\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 10:31
S50	838	(nonvolatile or non adj1 volatile) with NAND with NOR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:18
S51	0	S50 with float\$3 with MONO	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:18
S52	65	S50 with float\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:31
S53	80	MRAM with NAND with NOR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:32
S54	15	S53 same (float\$3 or MONOS)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:55

## EAST Search History

S55	2	("6018187").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 14:54
S56	21	S50 same MONOS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:55
S57	0	("2004/0021788").URPN.	USPAT	OR	ON	2006/11/20 15:06
S58	2	("20040085463").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:07
S59	133157	imag\$3 near2 sens\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:28
S60	48	(ADC or AD or A/D or analog adj2 digital) with (column or parallel) with (nonvolatile or non adj1 volatile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:34
S61	1	S59 and S60	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:29
S62	8	S59 with (column or parallel) with (nonvolatile or non adj1 volatile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:34
S63	192	(magnetic adj1 RAM or MRAM) with (floating or MONOS or NAND or NOR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:30
S64	43	(FeRAM or ferroelectric adj1 RAM) with NAND with NOR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:44

## EAST Search History

S65	18	US-5640343-\$.DID. OR US-5841126-\$.DID. OR US-5886353-\$.DID. OR US-5917210-\$.DID. OR US-6018187-\$.DID. OR US-6051857-\$.DID. OR US-6163030-\$.DID. OR US-6271785-\$.DID. OR US-6312969-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:46
S66	2	("6228743").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 16:47
S67	2	("6288743").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 16:48
S68	2	("6879340").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 16:48
S70	24656	RAM near4 (nonvolatile or non adj1 volatile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:35
S71	10	S70 and 348/294-324.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:38
S72	445	S70 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:39
S73	350	S70 same camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:39
S74	68	S73 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:52

## EAST Search History

S75	2	("6018187").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 09:54
S76	0	("US-4489351-\$.DID. ORUS-5016107-\$.DID. ORUS-6879340-\$.DID. ORUS-6288743-\$.DID. ORUS-6852591-\$.DID. ORUS-6985181-\$.DID. ").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 09:55
S77	12	US-4489351-\$.DID. OR US-5016107-\$.DID. OR US-6879340-\$.DID. OR US-6288743-\$.DID. OR US-6852591-\$.DID. OR US-6985181-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:55
S78	18	("5325207"   "5461425"   "5841471"   "6057539"   "6400824"   "6434665"   "6552745"   "6580454"   "6606122"   "6614560"   "6665012"   "6665013"   "6667763"   "6691206"   "6697112"   "6704049"   "6744068"   "6757019").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:00
S79	6	("5262871"   "5424854"   "5452004"   "5841126"   "6115065"   "6320617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:21
S80	7	("6665012").URPN.	USPAT	OR	ON	2006/11/21 10:23
S81	0	"2001352475"	USPAT	OR	ON	2006/11/21 10:23
S82	2	"2001352475"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 10:28
S83	2	("6809769").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 10:28
S84	1	("6809769").URPN.	USPAT	OR	ON	2006/11/21 10:28
S85	10	("5336879"   "5379336"   "5529197"   "5665959"   "5721429"   "5734156"   "5781233"   "5812191"   "5904495"   "6452632").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:29



## EAST Search History

S86	655	image near2 sensor same (nonvolatile or non adj1 volatile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 10:39
S87	102	S86 same (integrat\$3 or chip)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 10:40
S88	209	image near2 sensor same (nonvolatile or non adj1 volatile) same (RAM or DRAM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 10:39
S89	19	S88 same (integrat\$3 or chip)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 10:40
S90	0	("6985181").URPN.	USPAT	OR	ON	2006/11/21 11:49
S91	18	("5325207"   "5461425"   "5841471"   "6057539"   "6400824"   "6434665"   "6552745"   "6580454"   "6606122"   "6614560"   "6665012"   "6665013"   "6667763"   "6691206"   "6697112"   "6704049"   "6744068"   "6757019").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 11:49
S92	1	("6809769").URPN.	USPAT	OR	ON	2006/11/21 13:52
S93	2	("6879340").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 13:52
S94	19	("5241412"   "5883830"   "5909026"   "5986284"   "6057539"   "6140630"   "6172351"   "6204524"   "6232626"   "6248991"   "6255690"   "6278481"   "6291280"   "6310366"   "6333205"   "6376868"   "6407440"   "6465786"   "6495434").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:34
S95	2	("20040233716").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 10:34

## EAST Search History

S96	2	("6282145").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 10:35
S97	2	("6751118").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 10:38
S98	3	("6556475").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 12:58
S99	3	("6556475").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 13:01
S10 0	2	("6879340").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 13:02
S10 1	32500	CCD same imag\$3 near2 sens\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 13:02
S10 2	14898	ferroelectric near5 memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 13:03
S10 3	46	S101 and S102	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 13:31
S10 4	0	CCD near4 higher near2 dynamic near4 CMOS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 13:32
S10 5	2	CCD near4 high near2 dynamic near4 CMOS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 13:33

## EAST Search History

S10 6	189	CCD near4 advantage near3 CMOS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 13:53
S10 7	21	CCD near3 dynamic near4 CMOS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 15:37
S10 8	27558	(RAM or register) near4 (nonvolatile or non adj1 volatile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 15:38
S10 9	97	S108 same imag\$3 near3 sens\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 16:04
S11 0	3829	S108 and camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 16:04
S11 1	38	S108 and 348/231.\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:42
S11 2	9912	365/185.01-185.33.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:43
S11 3	11318	365/230.01-230.09.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:44
S11 4	29753	(RAM or random adj1 access) near3 (nonvolatile or non adj1 volatile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:45
S11 5	20336	S112 or S113	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:45

## EAST Search History

S11 6	756	S114 and S115	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:45
S11 7	87	S116 and image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 11:29
S11 8	2	("6163338").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/24 11:31
S11 9	2	("6886829").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/24 11:32
S12 0	12	S114 and 348/294-324.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 11:32

# EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	33	(Makoto near2 Shizukuishi).in.	US-PGPUB; USPAT	OR	ON	2006/11/26 14:41